

**REMARKS**

This Preliminary Amendment is filed in response to the FINAL Office Action mailed on April 10, 2007, and in the Request for Continued Examination (RCE) filed on even date herewith. All objections and rejections are respectfully traversed.

Claims 6-11, 13-17, 20, 23, and 26-67 are pending in the case.

Claims 31-67 were added to better claim the invention.

Claims 6, 13, 20, 23, 26, 27, 28, 29, were amended to better claim the invention.

**Request for Interview**

The Applicant respectfully requests a telephonic interview with the Examiner after the Examiner has had an opportunity to consider this Amendment, but before the issuance of the next Office Action. The Applicant may be reached at 617-951-3028.

**Claim Rejections -35 U.S.C. §102**

At paragraphs 4-10 of the Office Action, claims 6-11, 13-17, 20, 23, and 26-30 were rejected under 35 U.S.C. §102 as being anticipated by Wesinger, Jr. et al., US Patent Application Publication No. 2001/0011304, hereinafter Wesinger.

The present invention, as set forth in representative claim 6, comprises in part:

6. A method for maintaining a plurality of virtual servers within a server, the method comprising the steps of:

partitioning resources of the server to establish an instance of each virtual server by allocating units of storage and network addresses of network interfaces of the server to each instance of the virtual server, and sharing an operating system and a file system of the server among all of the virtual servers;

*storing external configuration information of a selected virtual server of the plurality of virtual servers in a global repository maintained on a disk of the server, the external configuration information describing external resources assigned to a virtual server of the plurality of virtual servers, the external resources including the units of storage and the network addresses;*

*storing internal configuration information of the selected virtual server of the plurality of virtual servers in a private repository, the private repository stored in the one or more units of storage assigned to the virtual server, the internal configuration information used to control operation of the selected virtual server;*

enabling controlled access to the resources using logical boundary checks and security interpretations of those resources within the server by comparing configuration information of a unit of storage requested by a particular virtual server with the resources allocated to that particular virtual server; and

providing a virtual server context structure including information pertaining to a security domain of the virtual server, the virtual server context structure stored in the internal configuration information.

Wesinger discloses a web server that appears as multiple virtual hosts stored on a single physical server. Each virtual host has a separate configuration file derived from a master configuration file and a log file. (paragraph 23 & 24). Within the configuration file stored on each virtual host is an access rules database that give rules for which exterior machines can or cannot access the virtual host, and at what times the exterior machines can access or cannot access the virtual host. (paragraph 39). Machines may be specified by name, IP address, or wildcard address marks.

Applicant respectfully urges that Wesinger does not disclose Applicant's claimed novel *storing external configuration information of a selected virtual server of the plurality of virtual servers in a global repository maintained on a disk of the server, the*

*external configuration information describing external resources assigned to a virtual server of the plurality of virtual servers, the external resources including the units of storage and the network addresses;*

*storing internal configuration information of the selected virtual server of the plurality of virtual servers in a private repository, the private repository stored in the one or more units of storage assigned to the virtual server, the internal configuration information used to control operation of the selected virtual server.*

That is, Applicant respectfully urges that Wessinger has no disclosure of Applicant's claimed novel *storing external configuration information of a selected virtual server of the plurality of virtual servers in a global repository maintained on a disk of the server*, and further that Wessinger also has no disclosure of Applicant's claimed *storing internal configuration information of the selected virtual server of the plurality of virtual servers in a private repository, the private repository stored in the one or more units of storage assigned to the virtual server, the internal configuration information used to control operation of the selected virtual server* .

Further, Applicant respectfully urges that Wessinger has no disclosure of separating information relating to a virtual server into two parts as claimed by Applicant, the first part being *a global repository maintained on a disk of the server* and the second part being a *private repository stored in the one or more units of storage assigned to the virtual server* .

Accordingly, Applicant respectfully urges that the Wessinger publication is legally precluded from anticipating the claimed invention under 35 U.S.C. § 102 because of the

absence from the Wesinger publication of Applicant's claimed novel *storing external configuration information of a selected virtual server of the plurality of virtual servers in a global repository maintained on a disk of the server, the external configuration information describing external resources assigned to a virtual server of the plurality of virtual servers, the external resources including the units of storage and the network addresses;*

*storing internal configuration information of the selected virtual server of the plurality of virtual servers in a private repository, the private repository stored in the one or more units of storage assigned to the virtual server, the internal configuration information used to control operation of the selected virtual server;*

#### **THE NEW CLAIMS**

Applicant's claimed invention, as set forth in representative new claim 31, comprises in part:

31. A method for maintaining a plurality of virtual servers on a server, comprising:  
*storing external configuration information of a selected virtual server of the plurality of virtual servers in a global repository maintained on a disk of the server, the external configuration information describing external resources assigned to a virtual server of the plurality of virtual servers;*  
*storing internal configuration information of the selected virtual server of the plurality of virtual servers in a private repository, the private repository stored in the one or more units of storage assigned to the virtual server, the internal configuration information used to control operation of the selected virtual server;* and  
maintaining security domain information in the internal configuration information.

Applicant respectfully urges that none of the cited art discloses Applicants claimed novel *storing external configuration information of a selected virtual server of the plurality of virtual servers in a global repository maintained on a disk of the server, the*

*external configuration information describing external resources assigned to a virtual server of the plurality of virtual servers;*

*storing internal configuration information of the selected virtual server of the plurality of virtual servers in a private repository, the private repository stored in the one or more units of storage assigned to the virtual server, the internal configuration information used to control operation of the selected virtual server, including*  
Wesinger.

Accordingly, Applicant respectfully urges that all of the new claims are in condition for allowance.

All independent claims are believed to be in condition for allowance.

All dependent claims are believed to be dependent from allowable independent claims.

Favorable action is respectfully solicited.

Please charge any additional fee occasioned by this paper to our Deposit Account No. 03-1237.

Respectfully submitted,

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